

PF1-X

Single Sheet All Servo
Vacuum-Forming Machine

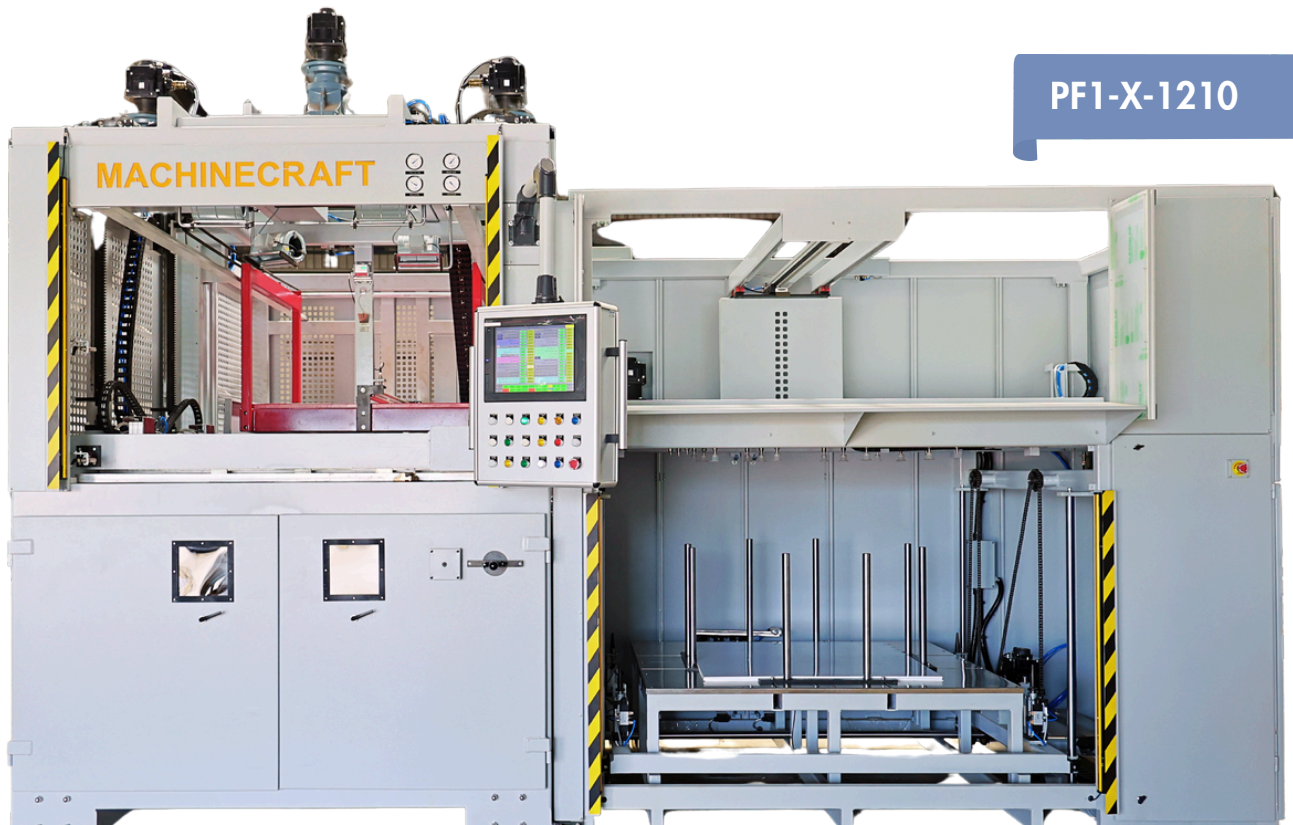


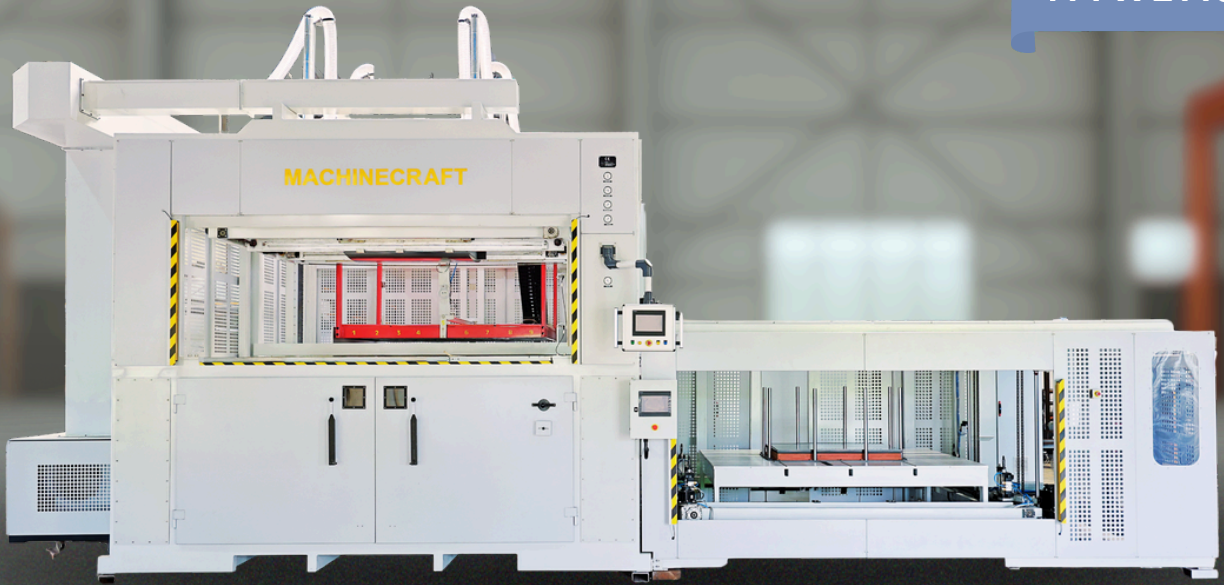
About Us

Machinecraft Technologies is a third-generation family business with over 40 years of experience in building custom automatic vacuum forming machines. Trusted in more than 40 countries, we deliver tailor-made solutions with advanced automation, cutting-edge technology, uncompromising quality, and reliable worldwide support.

About PF1-X

Ideal for thermoforming large panels for automotive, agriculture, off-highway, aerospace, railway, bus, electric vehicles, sanitary industry and other industrial applications.



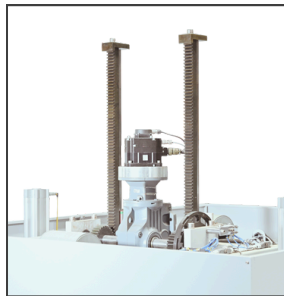


Machine Features ● ● ●



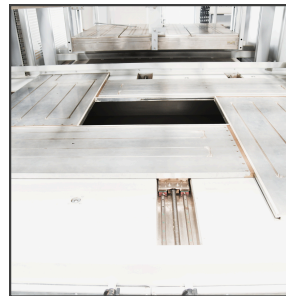
Bottom Platen

The bottom mould platen is servo-driven.



Plug Assist

The top plug assist is servo-driven.



Universal Aperture

Servo-driven infinitely adjustable bottom plate.



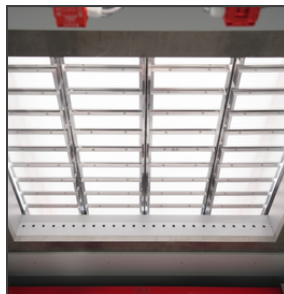
Auto Load/Unload

Automatic sheet loading and formed part removal.



IR Ceramic

Durable long-wave infrared emitters, ideal for steady, efficient heating in processes in thermoforming.



IR Quartz

Fast-response medium wave emitters, perfect for zone-controlled heating and processes needing rapid heat cycles.



IR Halogen

High-intensity short wave emitters, delivering extreme temperatures instantly for fast-moving or high-demand applications.



Tool Slide

Ball transfer unit provided to ease sliding of tool on the mould platen.

PF1-XL-4525



Ambulance Panel (PF1-XL-5028)



Windmill Part (PF1-A-4022)



Pickup Truck Bedliner (PF1-XL-3520)

Global Reach

Asia

- Armenia
- Bahrain
- Bangladesh
- India
- Indonesia
- Iran
- Israel
- Japan
- Malaysia
- Oman
- Qatar
- Saudi Arabia
- Singapore
- South Korea
- Sri Lanka
- Thailand

Europe

- Belgium
- Denmark
- France
- Germany
- Greece
- Hungary
- Malta
- Netherlands
- Norway
- Romania
- Russia
- Sweden
- United Kingdom

Africa

- Egypt
- Ghana
- Kenya
- Nigeria
- South Africa
- Tanzania
- Tunisia
- Zambia

North America

- Canada
- El Salvador (Central America)
- Mexico
- USA

Oceania

- Australia



Standard Machine Models ● ● ●

(Custom sizes available on request)

Machine Model	Max. Forming (in mm)	Min. Forming (in mm)	Max. Tool Height (in mm)	Heater Power (in kW)
PF1-X-1006	1000 * 600	500 * 400	400	26
PF1-X-1208	1200 * 800	600 x 400	400	40
PF1-X-1210	1200 * 1000	600 x 500	500	48
PF1-X-1510	1500 * 1000	700 * 500	500	58
PF1-X-2412	2400 * 1200	1400 * 600	650	101
PF1-X-2015	2000 * 1500	1000 * 500	500	115
PF1-X-2116	2100 * 1600	1200 * 600	500	128
PF1-X-2515	2500 * 1500	1500 * 600	650	144
PF1-X-2020	2000 * 2000	1000 * 1000	650	154
PF1-X-2520	2500 * 2000	1500 * 1000	800	192
PF1-XL-3020	3000 * 2000	2000 * 1000	800	230
PF1-XL-4022	4000 * 2200	3000 * 1200	1000	333
PF1-XL-3030	3000 * 3000	2000 * 2000	1000	346
PF1-XL-6022	6000 * 2200	5000 * 1200	1000	480
PF1-XL-5028	5000 * 2800	4000 * 1800	1000	576



Applications ● ● ●



▶ Off-highway Vehicles Canopy



▶ Bus Interiors



▶ Aircraft Interiors



▶ Tractor Fender



▶ Medical Parts



▶ Portable Toilets



▶ Bedliner of Pickups



▶ Hydroponic Trays



▶ Electric Scooter



▶ Luggage



▶ Automotive Dash Board



▶ Bathtubs & Spa